

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062521\
 Data File : VW019339.D
 Acq On : 25 Jun 2021 19:23
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025126

Quant Time: Jun 26 00:42:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 26 00:36:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	450649	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	221112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	105401	17.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.760%
7) Chloroethane-d5	2.891	69	109766	21.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.520%
11) 1,1-Dichloroethene-d2	4.038	63	256999	21.707	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.840%
21) 2-Butanone-d5	7.086	46	96686	61.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.880%
24) Chloroform-d	7.653	84	313178	25.849	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	8.311	65	169136	24.888	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.560%
32) Benzene-d6	8.275	84	566707	23.361	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.440%
36) 1,2-Dichloropropane-d6	9.274	67	182727	24.847	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	10.323	98	511197	22.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.579	79	75553	23.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.880%
47) 2-Hexanone-d5	10.927	63	79009	63.355	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	179815	29.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	191413	24.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	131323	22.493	ug/L	94
3) Chloromethane	2.215	50	132771	24.597	ug/L	99
5) Vinyl chloride	2.367	62	221888	26.929	ug/L	97
6) Bromomethane	2.788	94	153211	25.006	ug/L	99
8) Chloroethane	2.928	64	135005	27.560	ug/L	99
9) Trichlorofluoromethane	3.263	101	113786	25.161	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	173081	26.758	ug/L	98
12) 1,1-Dichloroethene	4.044	96	169008	26.448	ug/L	98
13) Acetone	4.141	43	62664	45.304	ug/L	90
14) Carbon disulfide	4.391	76	489398	24.230	ug/L	99
15) Methyl Acetate	4.678	43	74962	26.945	ug/L	97
16) Methylene chloride	4.928	84	203592	24.347	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	180587	26.230	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	241384	27.122	ug/L	98
19) 1,1-Dichloroethane	6.220	63	343850	28.138	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	194635	27.152	ug/L	98
22) 2-Butanone	7.177	43	101636	54.956	ug/L	100
23) Bromochloromethane	7.519	128	84763	26.879	ug/L	95
25) Chloroform	7.677	83	349970	28.080	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	231481	27.427	ug/L	98
29) Cyclohexane	7.964	56	284295	25.660	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	263548	26.900	ug/L	99
31) Carbon tetrachloride	8.073	117	241885	26.739	ug/L	99
33) Benzene	8.329	78	761167	27.179	ug/L	100
34) Trichloroethene	9.092	95	193379	26.488	ug/L	92
35) Methylcyclohexane	9.335	83	320111	25.481	ug/L	97
37) 1,2-Dichloropropane	9.372	63	190336	27.667	ug/L	99
38) Bromodichloromethane	9.646	83	249469	27.957	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	285607	26.794	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	227529	55.535	ug/L	95
42) Toluene	10.390	91	831778	27.606	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	255769	27.183	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	144392	27.877	ug/L	98
46) Tetrachloroethene	10.866	164	136860	24.525	ug/L	93
48) 2-Hexanone	10.969	43	160433	58.250	ug/L	96
49) Dibromochloromethane	11.128	129	155800	27.138	ug/L	94
50) 1,2-Dibromoethane	11.237	107	133238	26.551	ug/L	98
51) Chlorobenzene	11.658	112	494033	26.563	ug/L	96
52) Ethylbenzene	11.731	91	917667	27.686	ug/L	97
53) m,p-Xylene	11.841	106	337262	27.592	ug/L	95
54) o-Xylene	12.164	106	320996	27.569	ug/L	98
55) Styrene	12.182	104	562107	28.072	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	179831	28.172	ug/L	96
59) Bromoform	12.347	173	87377	25.651	ug/L	99
60) Isopropylbenzene	12.463	105	887461	26.809	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	133561	27.000	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	730307	26.861	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	715777	26.373	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	371785	25.733	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	377287	25.539	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	345438	26.566	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	29205	26.970	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	262836	25.179	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	206509	24.105	ug/L	96
71) Naphthalene	15.365	128	481467	28.187	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	195565	25.764	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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